WHAT IS CLAIMED IS:

1	1.	A photocurable silver composition consisting essentially of:
2		a photocurable organic mixture;
3		a photoinitiator;
4		silver powder; and
5		silver flakes in an amount of at least 20% relative to the weight
6	of the silver powder	, the photocurable silver composition when illuminated with
7	ultraviolet (UV) ligh	t cures into a silver coating.
1	2.	The photocurable silver composition of claim 1 wherein the
2	photocurable organic	e mixture comprises an aliphatic acrylated urethane oligomer.
1	3.	The silver composition recited in claim 2, wherein the aliphatic
2	acrylated urethane ol	igomer is present in an amount of about 3% to 8% of the silver
3	composition.	
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1	4.	The silver composition recited in claim 2, wherein the aliphatic
2	acrylated urethane	oligomer is present in an amount of about 8% of the silver
3	composition.	
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1	5.	The photocurable silver composition of claim 2 wherein the
2	photocurable organi	c mixture further/comprises an acrylated epoxy oligomer.
1	6.	The silver composition recited in claim 5, wherein the
2	acrylated epoxy olig	comer is present in an amount of about 2% to 4% of the silver
3	composition.	
1	7.	The silver composition recited in claim 5, wherein the
2	acrylated epoxy oli	gomer/is present in an amount of about 3% of the silver
3	composition.	

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1	8. The photocurable silver composition of claim 5 wherein the
2	photocurable organic mixture further comprises an isobornyl acrylate monomer.
1	9. The silver composition recited in claim 8, wherein the
2	isobornyl acrylate monomer is present in an amount of about 4% to 8% of the silver
3	composition.
1	10. The silver composition recited in claim 8, wherein the
2	isobornyl acrylate monomer is present in an amount of about 5% of the silver
3	composition.
1	11. The silver composition recited in claim 8, wherein the
2	photocurable organic mixture further comprises a flow promoting agent.
1	12. The silver composition recited in claim 11, wherein the flow
2	agent is present in an amount of about 0.1% to 2% of the silver composition.
1	13. The silver composition recited in claim 11, wherein the flow
2	agent is present in an amount of about 1% of the silver composition.
1	14. The silver composition recited in claim 1, wherein the silver
2	powder is present in an amount of about 50% to 60% of the silver composition.
1	15. A silver composition as recited in claim 1, wherein the silver
2	powder is present in an amount of about 52% of the silver composition.
1	16. The silver composition recited in claim 1, wherein the silver
. 2	flakes are present in an amount of about 25% to 35% of the silver composition.
1	17 The silver composition recited in claim 1, wherein the silve

flakes is present in an amount of about 5% of the silver composition.

1	18. The silver composition recited in claim 1, wherein the	
2	photoinitiator is present in an amount of about 3% to 6% of the silver composition.	
1	19. The silver composition recited in claim 1, wherein the	
2	photoinitiator is present in an amount of about 5% of the silver composition.	
1	20. A method for depositing a silver coating on a substrate, the	
2	method comprising:	
3	a first step of applying to the substrate a composition comprising:	
4	an aliphatic acrylated urethane oligomer;	
5	an acrylated epoxy oligomer;	
6	an isobornyl acrylate monomer;	
. 7	a photoinitiator;	
8	silver powder; and	
9	silver flakes in an amount of at least 20% relative to the	
10	weight of the silver powder; and	
11	a second step of photocuring by exposure to light of a wavelength	
12	effective to cure said composition.	
1	21. A method as recited in claim 20, wherein the first step	
2	comprises spraying the silver-containing fluid-phase composition onto the substrate.	
1	22. A method as recited in claim 20, wherein the first step	
2	comprises applying the silver-containing fluid-phase composition to the substrate	
3	using a screen printing technique.	
1	23. A method as recited in claim 20, wherein the first step	
2	comprises applying the silver-containing fluid-phase composition to the substrate	



using a flexographic technique.

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